











HARVEST SCENES WORLD



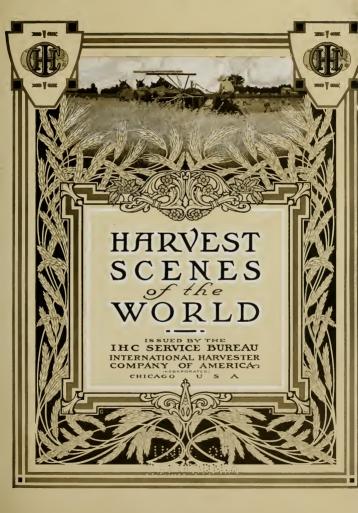




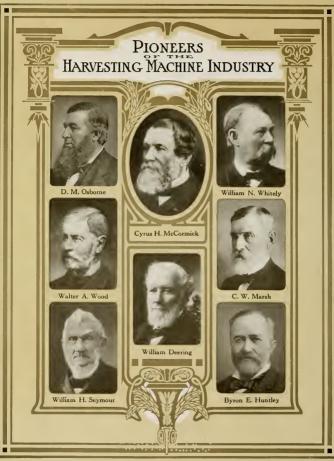


"I know of no pursuit in which more real and important service can be rendered to any country than by improving its agriculture and its breed of useful animals."—

George Washington









Introductory

HE photographs reproduced in this volume have been secured from every quarter of the inhabited world, and the work of collecting them has been under way for a number of years. The illustrations show every method of harvesting known to man since the time of Rameses, 2500 years B.C.

The basis of progress is agriculture. This is beginning to be quite generally understood, but comparatively few people realize how important a part the harvesting machine plays in

the industrial progress of the world.

The invention of the reaper in 1831 and the subsequent development of the modern farm machine industry made it possible for the United States to advance from a low rank among nations to the very highest position, with a capacity in production of food stuffs and manufactures nearly equal to that of all Europe. Agriculture is the real basis of commercial development, and improved agricultural machines are fast driving the fear of famine out of the heart of man.

In the United States, 500,000,000 acres are now under cultivation. There are 74,000,000 acres of swamp lands that can be made available by drainage, and there are 35,000,000 acres that can be reclaimed by irrigation. The world's population is steadily increasing, and we have already reached the time when it has become imperative to make the fields yield more bountiful harvests in order that the people of every country may be properly supplied with food.



Plowing in Ancient Days-Egypt





Inundation of Nile Valley—Egypt



The Changeless Sphinx



Dam Across The Nile



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Tilling a Field Palestine



Threshing in the Hills of Galilee



Threshing in Egypt

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Harvesting with the Reaping Hook—Algeria



Olives—Palestine



Women Grinding Wheat-Palestine



Sowing Wheat Broadcast by Hand



Reaper used by the Gauls in A. D. 1



Cutting Grass with the Scythe



Gleaning the Grain from the Stubble



Harvesting with the Cradle



Threshing with the Flail





Reaper with Seat for Raker



First Self Rake Reaper



The Marsh Harvester



The Wire Grain Binder



Modern Twine Grain Binders



Operating Binders with Oil Tractor



Modern Binder in a Western Oat Field







Removing Sage Brush from New Lands



Grubbing Land in the Northwest



Plowing in Washington



Manure Spreader Working on Stubble Land



The Manure Spreader in Operation



Fertilizing a Ten-Foot Strip



Preparing the Seed Bed



The Spring Tooth Harrow Insures a Good Seed Bed



Putting the Finishing Touches on the Seed Bed



Plowing, Harrowing, and Pulverizing in One Operation



The Drill Covers the Seed at a Uniform Depth



Seeding Time in the Wheat Belt



Disking Stubble to Conserve Moisture



Plowing Made Easy



The Disk Harrow Is an Exponent of Prosperity



Making a Good Seed Bed



Riding Attachment



Harvesting a Heavy Crop of Wheat



The Modern Binder Does Excellent Work





Harvest Scene in Iowa



Harvesting Oats in Oregon



A Missouri Harvest Scene



Harvest Time in Illinois



Farm Scene along the Hudson River in New York



Cutting Timothy for Seed



The Reaper is Still Used in Some Localities



A Heavy Field of Hemp



Cutting Hemp with the Reaper



Harvesting Hemp in Kentucky







Indians Harvesting in Minnesota





Harvesting Oats in Wisconsin



An Oil Tractor Operating Five Binders



Wheat in the Shock



Wheat in the Stack







The Header Binder



A Header in a Kansas Wheat Field





Oil Tractor Operating Threshing Machine



Modern Threshing Outfit on the Road



Wheat, (200,000 Bushels) Pendleton, Oregon



Rice Field in Texas



Harvesting Rice in Texas



Threshing Rice near Crowley, Louisiana



Picking Cotton near Atlanta, Georgia



Cotton Compress



A Cotton Gin in Alabama





Planting Corn



Cultivating Corn



Husking Corn by Hand



Corn Binder in Operation



in the Field





A Large Corn Shelling Outfit





Making Corn Meal



Main Irrigation Canal near Billings, Montana



Pumping Water with a Gasoline Engine



Irrigating an Orchard



Spraying an Orchard



Irrigating from a Kansas Stream



Orchard in the Foothills of Eastern Washington





Picking Strawberries in New Mexico



Hop Field in Willamette Valley, Oregon



Diversified Farming



Modern Farm Yard Scene



Returning from a Hurried Trip to Town



Taking a Perishable Crop to Market





A Field of Alfalfa in Bloom



A Heavy Growth of Timothy



Oregon



Cutting a Heavy Crop of Timothy



Trimming the Bank of a Stream



Harvesting a Good Crop of Timothy



Hay Tedder in Operation



Raking a Heavy Crop of Hay



The Side Delivery Rake in Operation



In the Hay Field



Sweep Rake in Operation





A Busy Day in the Hay Field



Loading Hay on a Wagon



Hay Loader in Operation



Mowing Machines on a Large Hay Farm



On the Way to the Barn



Storing Hay in the Mow



The Hay Press in Operation



Baling Hay with a Motor Baling Press



Alfalfa Baled Ready for Market



Passing a Tree in the Hay Field



The Old Straw Stack



A Dairy Barn



A Familiar Farm Scene





A Bundle of Wheat Prize Winning Oats



A Bouquet of Corn



A Sheaf of Rice



-eight





On the Border of the Wild





Penetrating the Wilds of Northern Canada



Turning Eight 14-Inch Furrows with a 45-H.P. Oil Tractor



Modern Plowing Outfits



Making the Acres Smile



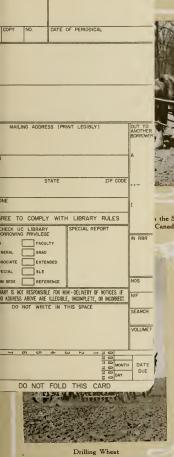
Virgin Prairie in Northwest Canada



Operating Disk Harrows wit an Oil Tractor



Plowing and Preparing the Seed Bed





the Shadow of a Canadian Forest



The Disk Drill in Canada



Virgin Prairie in Northwest Cana



Operating Disk Harrows with an Oil Tractor



Plowing and Preparing the Seed Bed



In the Shadow of a Canadian Forest



Drilling Wheat



The Disk Drill in Canada



Dominion Government Experimental Farm, Brandon, Manitoba



A Field of Bearded Wheat in Canada



Cutting Oats near Hamilton, Ontario



A Field of Shocked Wheat in Western Canada



Along the Shore of Lake Ontario



Harvesting Oats in Ontario



Threshing Scene in Western Canada



Harvest Scene in Manitoba, Canada



Corn in Eastern Canada



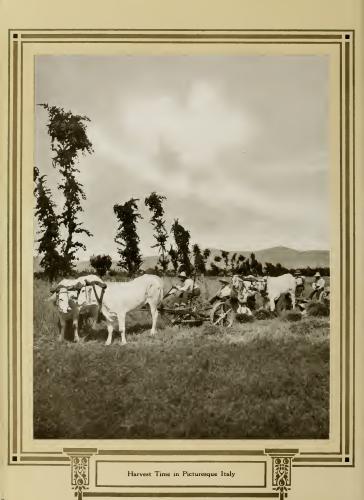
Oil Tractor Operating Binders



Haying Time in Quebec



Home from the Field







Harvesting a Heavy Crop of Rye, near Falkland, Scotland



Harvest Scene in England



Heavy Crop of Wheat near Manchester



Scene near Rothbury, England



Harvest Time in the Highlands



Stacking Wheat near Dundee



Bonnie Scotland near Wallace's Monument



Making Hay in England



The Environs of Birmingham



Plowing with an Oil Tractor in Russia



The Grain Drill in Russia



Harvest Time near the Ural Mountains



Russia is Adopting Advanced Methods of Harvesting



The "lobogreikas" in the Field near Moscow



Cutting a Heavy Crop with the Reaper



Mowing on the Steppes of Russia



Along the Volga River



Wheat for Export, Odessa, Russia

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Plowing near the Jungfrau



A German Wheat Field



A Modern Binder in Germany



A Threshing Scene near Hamburg



The Reaping Machine in Belgium



Marketing Grain in Southern Germany



Harvesting Wheat in France



Estate Ex.-President Fallières, Loupillon, France



A Plowing Scene in France



Harvesting Scene in Southern France



A Beautiful Farm Scene



Threshing Scene in France



Modern Binders near Christiania, Norway



On the Estate of Emperor Franz Josef, Austria



Threshing Scene in Hungary



Mowing Machines on Large Estate in Italy



Sicilians Harvesting with Reaping Hook



Reaping Machines in an Italian Wheat Field



Modern Binders in Italy



Harvest Scene near Milan, Italy



Harvesting in Greece



The Mowing Machine in Norway



Planting Sugar Beets in Sweden



The Iron Plow Horse in Europe



Harvest Time in Dalarne, Sweden



Harvest Scene in Finland



Farm Scene in Denmark



Cutting Wheat in Navarre, Spain



The Reaper in Portugal



Harvesting in Northern Spain

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A Rice Farm in Ceylon. Preparing the Field for Planting





Wooden Plows in India



Plowing in Ceylon



Harvesting with the Reaping Hook in Central India



Salesman Entering Allahabad, India



The Native Indian Cart



Carrying Cotton to Market



The Disk Harrow in India



Zebu Drawing Spring Tooth Harrow



Smoothing Harrow in the Field



In Central India



Utilizing the Zebu in India



The Hay Rake in India



Operating the Reaper with Zebus in India



Harvest Scene near Allahabad, India



Modern Reaper in India



Plowing a Flooded Field in Japan



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Preparing Rice Field for Planting in Japan

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Rice Planters at Work in Japan





A Japanese Farmer



Ninety-seve



A Cart Load of Rice, Manila





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A Siberian Harvest Scene







The Modern Binder in Central Siberia



In a Siberian Wheat Field



Harvesting near Omsk, Siberia



Dromedaries Are Used as Draft Animals in Siberia



The Reaping Machine in Western Siberia



Along the Shore of the Obi River







The Sahara, Africa



Wagon Shop at Nairobi



Wagon Makers at Nairobi



A Native Cart, Nairobi



Camels Used as Draft Animals, Nairobi





Spring Tooth Harrow in Tunis, North Africa



Arabs Reaping Grain near Setif, Algeria



A Header with Sack Attachment in Algeria



Modern Binder in Algeria, near Ain Kersha



Environs of Cape Town, South Africa



Hauling Wheat near Nairobi, British East Africa







Seeding Time in Australia



New Zealand Flax in Bloom



Cabbage Tree in New Zealand



Front View of the Stripper Harvester



In the Antipodes



Rear View of the Stripper Harvester



Scene Near Palmerston in Australia



The First Day of Harvest



Modern Binder in New South Wales



In the Field—near Port Fairy, Australia

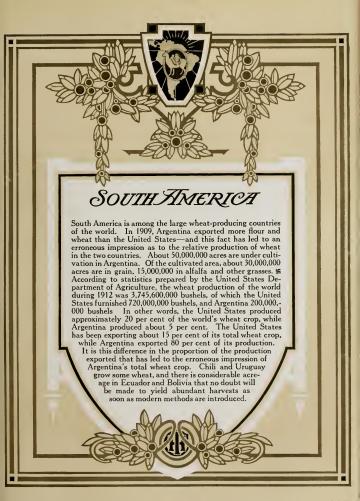


Harvest Time in Australia



An Australian Harvest Scene







On the Road to Buenos Aires with Wheat



Reapers in Argentina, South America



Mowing Machine in Uruguay



Mowing Machines in a Chilean Clover Field



Hauling Hay to the Stack



Hauling Hay to Market



Bullocks Used as Draft Animals South America



A Battery of Binders in an Argentina Wheat Field



On the Pampas in Argentina



A Wheat Field in Argentina



The Header Binder in a South American Wheat Field



Operating a Header in South America



Stripper Harvesters in an Argentina Wheat Field



Stacking Wheat Harvested with a Header



Threshing Wheat in Chile



Hauling Wheat to Market near Buenos Aires



Wheat Ready to be Marketed /



The San Roque Church, Andes Mountains



View of Buenos Aires from the Water Front



Warehouses in Buenos Aires



View of the Harbor at Buenos Aires



Cowboys in Argentina



A Country Estate in Argentina



Mounted Police in Argentina







A Sisal Plantation



The Sisal Plant



Cutting the Sisal Leaves



Bundles of Sisal Leaves



Hauling Sisal Leaves to Decorticating Mills



Unloading the Leaves at Mill



Exterior View of Decorticating Mill



Drying Sisal Fibre



Shipping Fibre-Progreso, Mexico



Water Buffalo and Native Cart, Philippine Islands



Young Manila Trees



Native Hut in the Mountains



A Forest of Manila Trees



Cutting Down a Manila Tree



ne hundred thirty



Drying Manila Fibre



Manila Leaf Stalks o Fibre Layers



Removing the Fibre from Leaf Stalks



Bringing Manila Fibre down from the Mountains



A Cart Load of Manila Fibre



The Wharf near Manila



Examining Fibre in Warehouse at Chicago



Preparing the Fibre for Spinning



Winding Twine into Balls



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A Cuban Plantation





The Disk Harrow in Cuba



Harvest Scene near the Pyramid of Cholula, Mexico



Modern Binder in Mexico



Market Scene in Mexico



The Header at Work in a Mexican Wheat Field



Harvesting is Made a Holiday in Mexico



A Farm Scene in Mexico



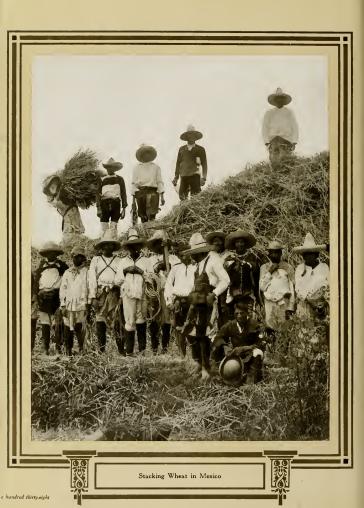
A Mexican Corn Field



A Corn Binder in Mexico



A Mexican Village—Sierra Madre Mountains in Distance





Verde Tree and Giant Cacti, Mesa, Arizona

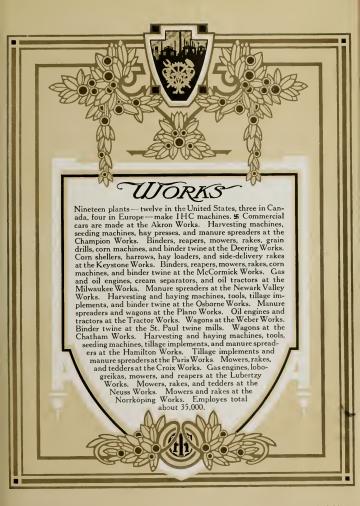


Harvest of the Desert, Tucson, Arizona



Giant Cacti, near Tucson, Arizona





McCormick Works, Chicago, U S A Decring Works, Chicago, U S A

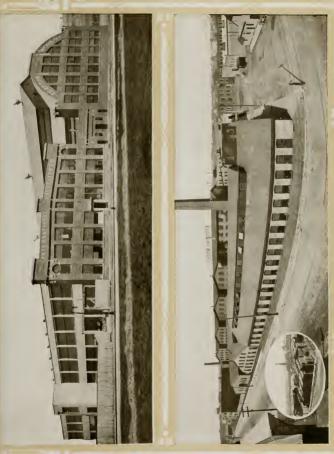


Osborne Works, Auburn, N. Y., U.S.A. Champion Works, Springfield, Ohio, U.S.A.



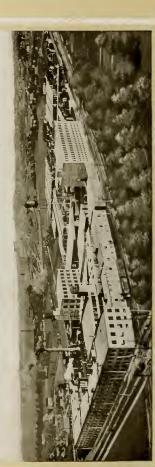


Milwaukee Works, Milwaukee, Wisconsin, U S A Plano Works, West Pullman, Illinois, U S A



Tractor Works, Chicago, Illinois, U S A Keystone Works, Rock Falls, Illinois, U S A







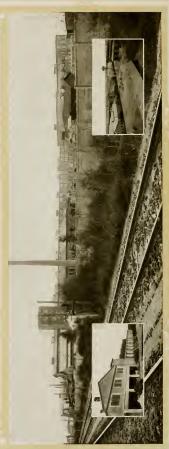


Steel Mills, South Chicago, U S A Twine Mills, St. Paul, Minn., U S A

Hamilton Works, Hamilton, Ontario Chatham Wagon Works, Chatham, Ontario

Neuss Works, Neuss, Germany Croix Works, Croix, France







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